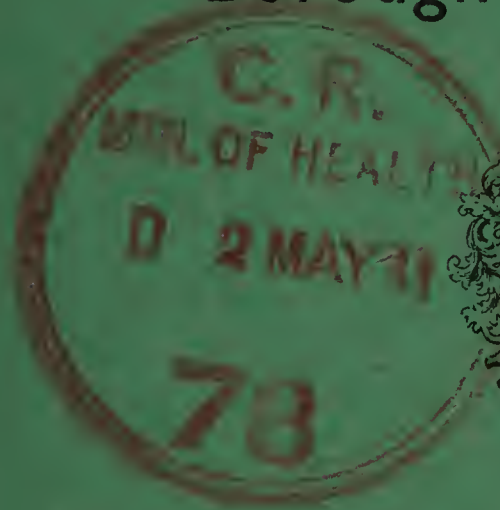


Borough of Mansfield.



ANNUAL REPORT

ON THE

Sanitary Conditions of the District

AND

HOUSING REPORT

For the Year ended 31st December, 1939.

BY

JAMES E. WILSON, M.D., D.P.H.,

Medical Officer of Health.

Borough of Mansfield.



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MANSFIELD :

W. H. LEE & SONS, STOCKWELL GATE.



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Health Committee.

(AS AT 31ST DECEMBER, 1939.)

Chairman :

COUNCILLOR I. E. PICKARD.

HIS WORSHIP THE MAYOR
(COUNCILLOR P. W. STAFFORD).

Aldermen :

T. KNAPTON.
J. MARRIOTT.

MRS. E. E. WAINWRIGHT, J.P.

Councillors :

C. DAVEY
C. HARRISON
F. P. HURT
MRS. M. E. MARRIOTT

T. PEMBLETON
G. PRITCHARD
W. B. SPENCER

PUBLIC HEALTH STAFF.

<i>Medical Officer of Health</i>	J. E. WILSON, M.D., D.P.H.
<i>Assistant Medical Officer</i>	MISS I. CALEY, M.A., B.CHIR., D.P.H.
<i>Senior Sanitary Inspector</i>	BERNARD ALLMAN, Cert. R.S.I., Cert. in Meat Inspection.
<i>Assistant Inspectors</i>	HERBERT ALLSOP, Cert. R.S.I., Cert in Meat Inspection. Retired 30th April 1939. WM. T. GLASSBROOK, Cert. R.S.I., Cert. in Meat Inspection. Retired 30th April, 1939. H. N. EARDLEY, Cert. R.S.I., Cert, in Meat Inspection. Commenced duty 1st May, 1939. G. SPENCER, Cert. R.S.I., Cert .in Meat Inspection. Commenced duty 1st May, 1939.
<i>Senior Health Visitor</i>	MISS H. A. HUNT, 3 years' General Training, C.M.B. Cert.
<i>Health Visitors</i>	MISS E. E. WILDEN, General Training Cert., C.M.B. and Health Visitors Cert. MISS E. M. WILLIAMS, General Training C.M.B. and Health Visitors Cert.
<i>Municipal Midwives (8)</i> Commenced duties 1st August, 1937.	MISS A. BERRIDGE, General Training, C.M.B. Cert. MISS D. BROWN, General Training, C.M.B. Cert. MRS. J. CALVER, General Training, C.M.B. Cert. MRS. C. HACKETT, C.M.B. Cert. MRS. M. L. SAXTON, C.M.B. Cert. MISS A. THORPE, General Training, C.M.B. Cert. MISS E. A. WARD, General Training, C.M.B. Cert. MRS. M. A. WILSON, C.M.B. Cert. Retired 31st July, 1939. MRS. D. A. BROCKLEY, General Training, C.M.B. Cert. Commenced duty 7th October, 1939.

*Chief Clerk and
Bacteriological Assistant* E. V. HARDWICK.

Clerks MISS M. L. BETTISON, in connection
with Maternity & Child Welfare work
MISS DOROTHY MALTBY, commenced
duty 9th January, 1939.

Disinfector GEORGE PLOUGHMAN.

Ambulance Driver ARTHUR BOOTH.

Public Analyst MR. W. W. TAYLOR, B.Sc., F.I.C.
(Food & Drugs Act, 1938) (part-time).



PUBLIC HEALTH DEPARTMENT,
GILCROFT CHAMBERS,
MANSFIELD.

October, 1940.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to submit to you my 19th Annual Report re the Health and Sanitary Conditions of the Borough during the year 1939.

In his Circular No. 2067 the Minister of Health has recommended curtailment of this report which will only deal with essential and urgent matters.

Statistical details are as far as possible included in the Report so that continuity may be maintained in regard to this important element in previous reports.

On Sunday, 3rd September, 1939, this Country found itself at War—an alteration inevitably calculated to introduce many new factors into the living conditions of a great proportion of the population.

Some of our treasured reforms such as Slum Clearance (under the Housing Act, 1936), have had to be suspended.

Air-raid Precaution paper schemes have been turned into practical units ready to function as and when required, thus placing additional responsibilities on a large number of the staff of this department.

The offices of the Public Health Department moved into the above premises on 14th September, 1939.

I must again record the helpful co-operation of my staff during an arduous year.

Your support in all matters affecting health conditions has been much appreciated.

I remain,

Your obedient Servant,

JAMES E. WILSON.

STATISTICAL SUMMARY.

1.—General Statistics.

Area in acres	....	....	....	....	....	7,009
Population (Census 1931)....	....	....	....	....	....	46,068
Estimated Population (1939) for calculation of Birth-rate	....	....	....	....	....	47,760
Estimated Population (1939) for calculation of Death-rate	....	....	....	....	....	47,940
Number of Inhabited houses (end of year 1939)	....	....	....	....	....	13,880
Rateable Value	....	....	....	....	....	£301,762
Sum represented by a penny rate	....	....	....	....	....	£1,147

2.—Extracts from Vital Statistics—Births and Deaths.

BIRTHS.

			Males.	Females.	Total.
Legitimate	....	....	365	352	717
Illegitimate	....	....	7	13	20
			<hr/>	<hr/>	<hr/>
Totals	....		372	365	737
			<hr/>	<hr/>	<hr/>

Birth-rate 15.4 per 1,000 population.

STILLBIRTHS.

			Males.	Females.	Total.
Legitimate	....	....	17	15	32
Illegitimate	....	....	1	1	2
			<hr/>	<hr/>	<hr/>
Totals	....		18	16	34
			<hr/>	<hr/>	<hr/>

Rate per 1,000 (live & still) births 44.1.

DEATHS.

			Males.	Females.	Total.
Deaths	....	....	286	259	545

Death-rate 11.3 per 1,000 oopulation.

INFANTS DEATH.

			Males.	Females.	Total.
Legitimate	....	....	24	20	44
Illegitimate	....	....	2	—	2
			<hr/>	<hr/>	<hr/>
Totals	....		26	20	46
			<hr/>	<hr/>	<hr/>

Infantile Mortality Rate 58.6 per 1,000 live births.

Legitimate Infantile Mortality Rate per 1,000 legitimate live births—57.7

Illegitimate Infantile Mortality Rate per 1,000 illegitimate live births—87.0

DEATHS FROM PUERPERAL CAUSES.

	Deaths.	Rate per 1,000 total (live & still) births.
(a) From Puerperal Sepsis	1	1.22
(b) From other Puerperal causes	2	2.44

DEATHS FROM SPECIFIED CAUSES.

(a) From Measles (all ages) ....	....	....	—
(b) From Whooping Cough (all ages) ....	....	....	3
(c) From Diarrhoea (under 2 years) ....	....	....	1

NOTES ON VITAL STATISTICS.

The “ Natural Increase ” that is to say, the excess of Births over Deaths amounted to 192.

With the exception of the Infantile Mortality-rate, the Birth-rate and Death-rate compare very favourably with those of England and Wales.

			England & Wales.	Mansfield.
Birth-rate....	....	....	15.0	15.4
Death-rate	....	....	12.1	11.3
Infantile Mortality	—	—	50.0	58.6

In connection with these Statistics, Tables I and V. should be read.

Cancer Deaths.

In 1938, 53 deaths occurred from this disease. This year the mortality figure is 68.

Arranged in decennial periods, these deaths occurred as below :-

Under 40 years	....	....	3
40 to 50 years	....	....	3
50 to 60 years....	....	....	17
60 to 70 years....	....	....	33
70 to 80 years....	....	....	11
Over 80 years....	....	....	1

Age and sex incidence, together with the part affected will be found in the following Table :—

CANCER DEATHS.

AGE	MALES	FEMALES	Stomach	Bowels	Rectum	Liver	Gall Bladder	Lungs	Breast	Bladder	Sacrum	Tongue	Glands	Thigh	Uterus	Jaw	Neck	Genitals	Pancreas	Prostate
28	1							1												
30		1		1																
40		1				1														
42		1													1					
47		1	1																	
49	1								1											
51	1									1										
52	1	1	1						1											
53	1	3			2	1							1							
55	2		1					1												
58	2	3			1		1										1		1	
59	1	1		1					1											
60		1		1																
61	2	1	2			1														
63	3	3	1	1				1	2									1		
64	2	2	1		1	1													1	
66	4	1	2	1				1					1							
67	1	3	1		2													1		
68	3	2		1	1									1	1					1
69	1	3	1		1			1			1									
70	2				1											1				
71		2	1												1					
72	1		1																	
74	2		1										1							
75	1	1										1			1					
76	1		1																	
77	1			1																
78		1				1														
79	1			1																
86	1																			1
	36	32	15	8	9	5	1	5	5	1	1	1	3	1	5	1	1	2	2	2

Analysis of the site of the disease shows that the largest incidence occurred in the stomach. The occupations of fatal cases are shown in the following Table :—

MALES.				FEMALES.			
Coal Miners ....	....	....	9	Housewives ....	....	....	21
General labourers ....	....	....	4	Widows ....	....	....	8
Colliery surfaceman....	....	....	2	Spinsters ....	....	....	3
Quarryman ....	....	....	1				—
Compositor ....	....	....	1				32
Showman ....	....	....	1				==
Shop porter ...	....	....	1				
Dairyman ....	....	....	1				
Bricklayer ....	....	....	1				
Farmer ....	....	....	1				
Probation Officer ....	....	....	1				
Engineer ....	....	....	1				
Hosiery hand ....	....	....	1				
Fitter ....	....	....	1				
Checkweighman ....	....	....	1				
Scavenger ...	....	....	1				
Tool Setter ...	....	....	1				
Warehouseman ....	....	....	1				
Electrical Contractor ....	....	....	1				
Winding Engineman ...	....	....	1				
Licensed Victualler....	....	....	1				
Shop Assistant ....	....	....	1				
Gas Fitter ....	....	....	1				
Police Sergeant ....	....	....	1				

General Provision of Health Services in the Area.

These have been described in my Annual Report for the year 1938.

Midwives Acts, (1902-1936).

The number of Midwives practising in the Borough as at 31st December, 1939, was :—

Municipal Midwives	....	....	....	8
Resident in Borough Institutions	....	....	....	8
In private practice	....	....	....	6
Total	....	....	....	<u>22</u>

Notices Received during the Year 1939 :—

Forms of sending for Medical Aid	....	206
Notification of :—		
Still-births	....	12
Death of Infant	....	9
Artificial Feeding	....	23
Liability to be a source of infection		3

In 1939 the number of claims submitted by medical practitioners on Medical Aid forms was 168, amounting to the sum of £238 1s. 6d.

During the year ended 31st December, 1939, the sum of £697 17s. 0d. was received by the Municipal Midwives and paid in to the Borough Treasurer.

Housing Statistics for the Year 1939.

1.—Inspection of Dwelling-houses during the year.

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	979
(b) Number of inspections made for the purpose	2957
(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	451
(b) Number of inspections made for the purpose	1544
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	1
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	435

2.—Remedy of Defects during the year without Service of Formal Notices :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	1434
--	------

3.—Action under Statutory Powers during the Year :—

(a) Proceedings under Sections 9, 10, and 16 of the Housing Act, 1936 :—	
(1) Number of dwelling-houses in respect of which notices were served requiring repairs	34
(2) Number of dwelling-houses which were rendered fit after service of formal notices :—	
(a) By owners	23
(b) By local authority in default of owners	Nil

(b) Proceedings under Public Health Acts :—	
(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	72
(2) Number of dwelling-houses in which defects were remedied after service of formal notices :—	
(a) By owners	106
(b) By local authority in default of owners	Nil
(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—	
(1) Number of dwelling-houses in respect of which Demolition Orders were made	1
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	1
(d) Proceedings under Section 12 of the Housing Act, 1936 :—	
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	Nil
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	Nil

4.—Housing Act, 1936. Part IV.—Overcrowding.

(a) (1) Number of dwellings overcrowded at the end of the year		23
(2) Number of families dwelling therein		23
(3) Number of persons dwelling therein....		170
(b) Number of new cases of overcrowding reported during the year		7
(c) (1) Number of cases of overcrowding relieved during the year		8
(2) Number of persons concerned in such cases....		62
(d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding....		Nil
(e) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report		Nil

The following houses have been built during the year :—

By Local Authority	102
By Private Enterprise	327
	<hr/>
	429
	<hr/>

Factories Act 1937.

Total number of Factories on the Register	....	....	....	171
Inspections made in Factories	....	....	....	199

19 Notices referring to contraventions were received from H.M. Inspector during the year and in each case suitable action was taken.

The following table gives the sanitary defects found in factories:

PARTICULARS.	NUMBER OF DEFECTS.			Number of Offences in respect of which Prosecutions were instituted.
	Found	Remedied	Referred to H.M. Inspector	
Want of Cleanliness (S.1)	17	17	—	—
Overcrowding.... (S.2)	—	—	—	—
Unreasonable Temperature (S.3)	3	3	—	—
Inadequate Ventilation (S.4)	—	—	—	—
Ineffective drainage of floors (S.6)	—	—	—	—
Sanitary Conveniences (S.7)—				
Insufficient	—	—	—	—
Unsuitable or defective	18	18	—	—
Not separate for sexes	—	—	—	—
Other Offences	3	3	—	—
Totals	41	41	—	—

Report of Chief Sanitary Inspector.

To the Medical Officer of Health.

DEAR SIR,

I have pleasure in submitting to you my twenty-fifth Annual Report.

Summary of Work Done.

	Number of Defects, etc., remedied on :—	
	Informal Notices	Statutory Notices
Drains amended, repaired or re-constructed	72	2
Drains, w.c's. and gullies cleansed	246	1
Fall pipes and eaves spouts cleansed or repaired	180	5
W.C's. and privies repaired	121	3
Additional w.c's. provided	0	0
Privies converted into w.c's.	0	0
Pail closets converted into w.c's.	2	0
Dry dustbins provided	512	31
Dry dustbins provided in lieu of ashpits abolished	0	0
Dilapidations repaired (including roofs, ceilings, walls and floors)	674	26
Yards, passages or pavements repaired	226	20
Defective light and ventilation....	82	0
Dirty premises limewashed and cleansed	93	0
Overcrowdings of dwelling abated	8	0
Nuisances abated from keeping animals and fowls	16	0
Smoke nuisances abated	12	0
Manure and refuse removed	14	0
Miscellaneous	56	0
Total of defects remedied or nuisances abated	2289	88

Milk Supply.

The number of milch cows kept in the Borough remains approximately the same as last year, as will be seen by the following Table :—

	1938	1939
Number of cowsheds in use in the Borough	34	34
„ milch cows in the Borough	199	200
„ milk purveyors	36	38
„ milk wholesalers and producers	30	28

Milk & Dairies Order, 1926.

During the year 205 inspections were made.

Milk (Special Designations) Orders, 1936-1938.

There are four milk pasteurising plants in the Borough.

**Sanitary Inspector's Visits during the Year
ending 31st December, 1939.**

GENERAL SANITATION.	No. of Visits.
Water Supply	44
Drainage	706
Stables and Piggeries	46
Offensive Trades	25
Fried Fish Shops	243
Common Lodging Houses	23
Houses Let-in-Lodgings	0
Tents, Vans and Sheds	15
Factories	96
Workplaces	3
Outworkers	0
Bakehouses	100
Public Conveniences	14
Theatres and Places of Entertainment	9
Refuse Collection	1181
Rats and Mice	38
Smoke observations	24
Schools	2
Shops	13
Miscellaneous Sanitary Visits	973

HOUSING.

Under Public Health Acts :—

Number of Houses inspected	579
----------------------------	------	------	------	-----

Visits paid to above houses....	1413
---------------------------------	------	------	------	------

Under Housing Acts :—

Number of houses inspected	451
----------------------------	------	------	------	-----

Visits paid to above houses	1544
-----------------------------	------	------	------	------

Overcrowding :—

Number of houses inspected	19
----------------------------	------	------	------	----

Visits paid to above houses....	20
---------------------------------	------	------	------	----

Verminous Premises :—

Number of houses inspected	48
----------------------------	------	------	------	----

Visits paid to above houses....	91
---------------------------------	------	------	------	----

Miscellaneous housing visits....	656
----------------------------------	------	------	------	-----

INFECTIOUS DISEASES.

Inquiries in cases of infectious disease	145
--	------	------	------	-----

Visits re Disinfection....	17
----------------------------	------	------	------	----

Miscellaneous Infectious Disease visits	5
---	------	------	------	---

MEAT AND FOOD INSPECTION.

Visits to Slaughterhouses	2531
---------------------------	------	------	------	------

Visits to Shops and Stalls	1448
----------------------------	------	------	------	------

Visits to other premises	17
--------------------------	------	------	------	----

Total Meat Inspection visits	3996
------------------------------	------	------	------	------

Visits to :—

Butchers	638
----------	------	------	------	-----

Fishmongers and Poulterers	103
----------------------------	------	------	------	-----

Grocers	20
---------	------	------	------	----

Greengrocers and Fruiterers....	108
---------------------------------	------	------	------	-----

Cowsheds	90
----------	------	------	------	----

Dairies and Milkshops	115
-----------------------	------	------	------	-----

Ice-Cream Premises	52
--------------------	------	------	------	----

Restaurants	3
-------------	------	------	------	---

Street Vendors' and Hawkers' Carts	35
------------------------------------	------	------	------	----

Milk—Bacteriological....	17
--------------------------	------	------	------	----

NOTICES SERVED.

Number of informal notices served	1599
-----------------------------------	------	------	------	------

Number of informal notices complied with	1434
--	------	------	------	------

Number of Statutory Notices served	77
------------------------------------	------	------	------	----

Number of Statutory Notices complied with	75
---	------	------	------	----

Summary of Food Inspection.

The following statement shows the number of carcasses and organs surrendered as being unfit for food :—

No. of Carcasses		Disease.	Weight		
			Tons	cwts.	lbs.
12	Bullocks	..... Tuberculosis	3	9	105
1	Bull	..... do.		8	100
14	Cows	..... do.	4	5	56
4	Heifers	..... do.		17	62
4	Pigs	..... do.		1	102
3	Pigs	..... Dropsy			105
1	Pig	..... Milk Fever		2	76
Total			9	7	46

In addition to the above the following meat and foodstuffs were surrendered and destroyed as a result of inspection :—

	Tons	cwts.	lbs.
Beef	3	10	10
Beef (imported)	0	0	78
Pork	0	8	25
Mutton (imported)	0	1	28
Edible Organs	3	15	102
Canned goods	0	14	23
Fish	0	4	29
Fresh Fruit and Vegetables	0	2	62
Rabbits	0	0	80
Hares	0	0	12
Chickens	0	1	8
Pheasants	0	0	8
Pork Pies	0	0	57
Potted Meat	0	0	14
Total Foodstuffs destroyed	18	7	22

The total number of animals slaughtered in the Borough during the year :—

Beasts	....	....	....	....	....	3133
Sheep	....	....	....	....	....	10691
Pigs	....	....	....	....	....	5008
Calves	....	....	....	....	....	137
						<hr/>
						18,969
						<hr/>

In addition to the above, a large number of carcasses of pork and beef were brought into the Borough.

CARCASES INSPECTED AND CONDEMNED :—

	Cattle (excluding Cows).	Cows	Calves	Sheep	Pigs
No. Slaughtered	2241	892	137	10691	5008
No. Inspected	2241	892	137	10691	5008
All Diseases except T.B.					
Whole carcasses condemned	—	—	—	—	4
Carcasses of which some part or organ was con- demned	243	61	—	18	16
Percentage affected with diseases other than T.B.	10.84	6.84	—	0.17	0.4
T.B. Only					
Whole carcasses	17	14	—	—	4
Carcasses of which some part or organ was con- demned	94	202	—	—	79
Percentage affected with T.B.	4.95	24.21	—	—	1.65

Yours faithfully

BERNARD ALLMAN, F.S.I.A.

Tuberculosis.

Particulars of new cases and deaths from this disease in the Borough will be found below :—

Age Periods in years	New Cases.				Deaths.			
	Respiratory		Non- Respiratory		Respiratory		Non- Respiratory	
	M	F	M	F	M	F	M	F
0-1	—	—	—	—	—	—	—	—
1-5	—	—	—	—	—	—	—	—
5-15	—	1	1	1	1	1	—	—
15-25	5	5	2	—	1	6	—	—
25-35	2	4	1	—	3	3	—	—
35-45	1	1	—	—	1	1	—	—
45-55	4	—	1	—	5	—	1	—
55-65	—	1	—	—	3	—	—	—
65 and over	—	—	—	—	—	—	—	—
Totals	12	12	5	1	14	11	1	—

The occupation of persons dying from Tuberculosis is as follows :—

Coal Miners	4	Press worker, Tin box works	3
Greengrocer	2	Housewife	3
Bricklayer	1	Spinster (no occupation)	2
Police Constable	1	Housekeeper	1
No occupation	1	Bottler mineral water works	1
Hairdresser (retired)	1	Scholar	1
Radio Engineer	1		
Railway telegraph linesman	1		
Hosiery hand	1		
Plumber	1		
Scholar	1		

92.3% of cases dying from Tuberculosis had previously been notified.

Means of Prevention of Infectious Diseases.

FOREST HOSPITAL REPORT.

The most important factor in the control of Infectious Disease is the Isolation Hospital. Our most potent weapons against the spread of Diphtheria are careful swabbing and examination of all suspicious sore throats and all contacts of actual cases, together with isolation of persons affected.

How our Hospital has met these requirements will be seen from the following Table :—

Years.	Population.	SCARLET FEVER.				DIPHTHERIA.				Total No. of patients treated.	Patient days.	Patients in Hospital: Daily Average.
		Total No. of cases notified.	Attack rate per 1000 population.	No. of cases admitted to Hospital.	Per Cent of total notifications.	Cases notified.	Attack rate per 1000 Population	Admission to Hospital.	Per Cent of Notifications.			
1922	46,020	109	2.3	82	75.2	34	0.7	30	88.2	154	6403	17.3
1923	46,850	106	2.2	96	90.6	43	0.9	39	90.7	158	7122	19.5
1924	47,680	139	2.9	128	92.1	56	1.1	51	91.0	214	8675	23.7
1925	47,000	101	2.1	96	95.0	31	0.6	28	90.3	134	5211	14.2
1926	47,270	62	1.3	57	91.9	18	0.3	18	100.0	101	3954	10.3
1927	48,140	65	1.3	64	98.4	19	0.4	19	100.0	99	4173	11.5
1928	47,550	44	0.9	42	95.4	20	0.4	18	90.0	75	3465	9.7
1929	47,130	163	3.4	157	96.3	42	0.8	41	97.6	212	9290	25.4
1930	47,130	169	3.5	163	96.4	34	0.7	34	100.0	223	8157	22.1
1931	46,290	93	2.0	90	96.7	23	0.4	22	95.6	154	6984	19.8
1932	46,180	106	2.2	102	96.2	51	1.1	51	100.0	182	7135	19.5
1933	46,100	144	3.1	134	93.0	128	2.7	126	98.4	182	10173	27.8
1934	46,200	237	5.1	224	94.5	45	0.9	44	97.7	296	11960	32.7
1935	46,620	91	1.9	88	96.7	50	1.0	47	94.0	160	7116	19.5
1936	46,930	90	1.9	88	97.7	32	0.6	32	100.0	142	6837	18.7
1937	47,080	97	2.06	92	94.8	74	1.57	72	97.3	177	8591	23.5
1938	47,420	226	4.7	217	96.0	134	2.8	126	94.0	392	13490	37.0
1939	47,940	125	2.6	116	92.0	54	1.1	53	98.1	185	8021	22.3

This Table refers to Mansfield cases only.

In addition 12 cases were treated at the request of outside Authorities.

A complete tabulation of the work of the Hospital will be found below :—

	In Hospital 1st Jan., 1939	Admissions	Discharged	Died	Remaining in Hospital 31st Dec., 1939
Scarlet Fever	29	121	131	1	18
Diphtheria	17	58	73	2	—
Enteric Fever	—	1	1	—	—
Dysentery	—	1	1	—	—
Cerebro-Spinal Fever	—	1	1	—	—
For diagnosis	—	3	3	—	—
Totals	46	185	210	3	18

Average Stay in Hospital.

Scarlet Fever cases 34 days.

Diphtheria cases 36 days.

Cost of Food.

The total food bills for the year amounted to £746 16s. 6d.

Total Patient Days 8125

Total Staff Days 8030

Total 16155

The daily average cost of food for patients and staff amounted to 11d.

Deaths in Hospital.

Three deaths occurred, 2 being severe Diphtheria cases and one from Scarlet Fever.

Bacteriological Laboratory.

The following table shows the work carried out in the Laboratory of the Public Health Department :—

Mansfield cases :	Positive.	Negative.	Total.
Diphtheria	296	1154	1450
T.B. Sputum, &c.	3	35	38
Ringworm....	3	11	14
Cerebro-Spinal Fever	—	1	1
Gonorrhoea	2	11	13
Anthrax	—	1	1
Miscellaneous	16	18	34
Total	320	1231	1551

Outside cases were investigated as follows :—

	Positive	Negative	Total
Diphtheria	70	578	648
T.B. Sputum	2	7	9
Gonorrhoea	—	2	2
Total	72	587	659

Maternity and Child Welfare.

The general scheme providing for Mothers and Children was dealt with in detail in my previous Reports.

Births and Deaths.

Birth-rate Stillbirth-rate and Infantile Death rates will be found in the " Vital Statistics " in an earlier portion of this Report.

Attendances at Centres.

	Persons Attending.	Number of Attendances.
St. John Street Centre (99 sessions)....	2093	13407
Ante-Natal Clinic (51 sessions)	370	930
Ultra Violet Ray (103 sessions)	78	1164
Pleasley Hill Centre (47 sessions) ...	228	2221

The total number of mothers and children attending the Centres during the year was 3,152, these made a total of 21,290 attendances.

Attendance at Mid-day Dinner at St. John Street Centre.

Mothers attending.		Dinners for Mothers.		Dinners for Children.		Total.
51	....	2296	....	610	....	2906

Health Visitor's Visits.

Visits paid by the Health Visitors during the year were :—

Visits to Infants....	....	....	....	3086
„ Children one to five years	....	....	....	3227
„ Expectant Mothers	....	....	....	288
„ Special Cases (Measles, Whooping Cough, etc.)	....	....	....	27
Investigation of stillbirths	....	....	....	33
Investigation of Infant deaths	....	....	....	41
Visits to cases of Ophthalmia Neonatorum	....	....	....	—
Miscellaneous Visits	....	....	....	155
Special Nursing Cases	....	....	....	21
Total				6878

Eye Cases.

Thirty cases were referred to Mr. Reid for examination and necessary treatment.

Ophthalmia Neonatorum.

Only one case of this disease was notified during the year. This child was born in the County Institution and returned to its home at New Ollerton.

Throat Conditions—Deafness.

Thirty-five cases were submitted to the specialist, and of these 20 were found to require operation. Eighteen of these operations were carried out during the year.

Maternity Bed.

Forty-four cases were admitted to the bed retained for the use of complicated cases of pregnancy at the Mansfield and District General Hospital.

Cost of treatment of these cases amounted to £487 10s. 0d. These cases are treated at a cost of £3 3s. 0d. per week.

In addition, 6 cases were admitted to the Peel Street Hospital for Women, Nottingham, at a cost of £61 16s. 10d.

Free Food.

The following foods and nutritive preparations have been issued free of cost in necessitous cases through the Welfare Centres :-

		£	s.	d.
Dried Milk preparations to the value of....		437	15	6
Virol	do.	10	18	10
Cod Liver Oil	do.	7	0	7
Halibut Liver Oil	do.		10	8

Supply of Pasteurised Milk.

This is given in the case of expectant and nursing mothers unable to attend for dinners.

During the year 96 expectant and nursing mothers were on this free-milk list. The value of milk supplied was £130 3s. 4d.

Maternity and Child Welfare Dental Scheme, 1939.

During the year under review, 47 Expectant Mothers, 14 Nursing Mothers and 52 Children received treatment.

	Total.	Adults.	Children.
Extractions numbered	434	311	123
Fillings numbered	15	13	2
Other Operations (Scaling, Gum Treatment, etc.)	94	92	2
Number of Local Anaesthetics	294	171	123
Number of General Anaesthetics	17	17	—

Attendances for Treatment.

	Expectant Mothers.	Nursing Mothers.	Children.
Number attending	47	14	52
Number of attendances....	130	56	73

Provision of Dentures.

During the year 14 upper and 13 lower Dentures were supplied. Of these, eight were supplied free of all cost to the patient.

The expenditure incurred by the Committee in respect of this particular part of the scheme was £2 8s. 8d.

Up to the outbreak of War the scheme as a whole was definitely expanding, but since then there has been a considerable falling off.

As an example : only two patients have been supplied with Dentures since September. No doubt this will adjust itself as the population becomes more accustomed to the present circumstances.

Light Clinic Report.

The following Table gives the conditions treated, together with the results of treatment :—

	Number of Cases	Cured or much improved	Stationary	No beneficial effect
Rickets	38	27	1	10
Debility	20	14	1	5
Malnutrition	8	7	—	1
Bronchitis	6	5	—	1
Anaemia	6	4	—	2

Food & Drugs Act, 1938.

Under the above Act this Authority took over from the County Council the duties to be discharged under the above Act.

In consequence of becoming the Food & Drugs Authority, the Borough appointed Mr. W. W. Taylor, B.Sc., F.I.C., as Public Analyst for the Borough from 3rd October, 1939, on the following terms :—

A Retaining Fee to be paid of £15 15s. 0d. per annum.

A flat rate of 10/6d. per sample to be paid for each sample tested.

This appointment was confirmed by the Minister of Health on 9th April, 1940.

TABLE 1.
Vital Statistics of Whole District during 1939 and previous years.

Year	Population estimated to middle of each Year.	Births.			Total Deaths Registered in the District.		Net Deaths belonging to the District.			
		Un- corrected number	Net		Number	Rate	At all ages		Under 1 year of age.	
			Number	Rate			Number	Rate	Number	Rate per 1000 Net Births
1928	47,550	807	808	17.0	611	12.8	457	9.6	67	82.9
1929	47,130	690	736	15.6	699	14.8	499	10.5	59	80.1
1930	47,130	800	774	16.4	600	12.7	444	9.4	52	67.1
1931	47,290	735	706	15.2	685	14.8	530	11.4	64	90.6
1932	46,180	698	692	14.9	611	13.2	468	10.1	49	70.8
1933	46,100	723	672	14.5	705	15.0	500	10.8	48	71.4
1934	46,200	749	724	15.6	616	13.3	452	9.7	47	64.9
1935	46,620	705	670	14.3	688	14.7	468	10.0	46	68.6
1936	46,930	732	688	14.6	660	14.0	460	9.8	39	56.6
1937	47,080	744	684	14.5	684	14.5	444	9.4	56	81.8
1938	47,420	801	706	14.9	700	14.7	471	9.9	22	31.1
1939	47,760	918	737	15.4	826	17.2	545	11.3	46	58.6

TABLE II.
Cases of Infectious Disease Notified during the year 1939.

Notifiable Disease.	Number of Cases Notified														Total cases notified in each locality.				Deaths.	Total cases removed to Hospital.
	At all Ages.	At Ages Years.																		
		Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and over	North Ward including Pleasley Hill	Pleasley Hill alone.	South Ward	East Ward			
Small-pox.....
Typhoid Fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	125	2	6	7	11	54	23	8	13	1	1	1	...	48	1	32	45	...		
Diphtheria	54	...	2	2	1	16	11	8	8	...	4	4	...	25	5	8	20	2		
Erysipelas	13	...	...	...	...	...	1	...	3	3	...	2	...	4	...	6	3	...
Cerebro-spinal Meningitis...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	12	...
Pneumonia	31	2	2	...	1	3	1	...	8	3	7	1	...	7	...	12	...	...
Dysentery	1	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...
Acute Poliomyelitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Pyrexia...	11	...	...	...	...	...	...	1	9	1	...	...	...	2	...	3	6	...
Ophthalmia	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Neonatorum...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
Measles	1	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
Whooping-cough ...	6	...	1	1	2	2	...	...	...	...	...	...	...	...	...	3	3	...
Totals	244	3	7	9	9	15	76	36	20	41	8	16	3	88	6	66	89	3		
																		182		

TABLE III.—CAUSES OF DEATH.

CAUSES OF DEATH.							All Ages.	
							Males.	Females.
All Causes							286	259
1	Typhoid & Paratyphoid Fevers						—	—
2	Measles						—	—
3	Scarlet Fever						—	1
4	Whooping Cough						1	2
5	Diphtheria						—	2
6	Influenza						5	8
7	Encephalitis Lethargica						—	1
8	Cerebro-spinal Fever						—	—
9	Tuberculosis of Respiratory System						13	12
10	Other Tuberculous Diseases						2	—
11	Syphilis						1	1
12	General paralysis of the Insane, tabes dorsalis						—	—
13	Cancer, malignant disease						36	32
14	Diabetes						2	6
15	Cerebral Haemorrhage, &c.						9	8
16	Heart Disease						104	87
17	Aneurysm						1	—
18	Other Circulatory Diseases						6	10
19	Bronchitis						12	11
20	Pneumonia (all forms)						12	6
21	Other Respiratory Diseases						4	4
22	Peptic Ulcer						4	—
23	Diarrhoea, &c., under 2 years						1	—
24	Appendicitis						3	1
25	Cirrhosis of liver						—	1
26	Other Diseases of Liver, &c.						—	—
27	Other Digestive diseases						4	4
28	Acute & Chronic Nephritis						5	10
29	Puerperal Sepsis						—	1
30	Other Puerperal diseases						—	2
31	Congenital Debility, Premature Birth, &c.						13	12
32	Senility						7	7
33	Suicide						3	3
34	Other Violence						17	8
35	Other Defined Diseases						17	14
36	Causes Ill-defined or Unknown						3	4
37	Diarrhoea, 2 years and over						1	1
Special Causes (included in 35 above) :—								
	Smallpox						—	—
	Poliomyelitis						—	—
	Polio-encephalitis						—	—
Deaths of Infants under One Year of age :—								
	Total						26	20
	Legitimate						24	20
	Illegitimate						2	—
Live Births :—								
	Total						372	365
	Legitimate						365	352
	Illegitimate						7	13
Stillbirths :—								
	Total						18	16
	Legitimate						17	15
	Illegitimate						1	1
POPULATION—(a) For calculation of Birth Rates							47,760	
(b) For calculation of Death Rates, Incidence of Notifiable Diseases, &c.							47,940	

TABLE IV.—INFANTILE MORTALITY DURING THE YEAR 1939.

Net Deaths from stated causes at various Ages under One Year of Age.

CAUSE OF DEATH.		Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under One month	1-3 Months	3-6 Months	6-9 Months	9-12 months	Total Deaths under 1 year.
All Causes	Certified Uncertified	20 1	2	3	1 1	26 2	5	6	4	3	44 2
1 Measles
2 Whooping-cough	1	1	....	2
3 Diphtheria
4 Scarlet Fever
5 Influenza
6 Erysipelas
7 Tuberculous Meningitis
8 Tuberculosis, Intestinal
9 Other Tuberculous Diseases
10 Syphilis
11 Rickets
12 Meningitis (not Tuberculous)	1	....	1	....	....	....	....	1
13 Convulsions	5	....	1	....	6	....	....	....	....	6
14 Bronchitis	1	....	1	2
15 Pneumonia (all forms)	1	2	2	2	7
16 Other Respiratory Diseases
17 Gastritis	1	....	....	....	1
18 Diarrhoea	1	....	....	1
19 Hernia, Intestinal Obstruction)	1	....	1	....	1	....	....	2
20 Malformation	1	1	1	....	....	....	2
21 Debility, Sclerema	1	....	....	1	2	....	....	....	3
22 Icterus
23 Premature Birth	11	....	....	1	12	....	....	....	....	12
24 Injury at Birth	1	....	....	....	1	....	....	....	....	1
25 Disease of Umbilicus
26 Atelectasis	3	1	....	....	4	....	....	....	....	4
27 Lack of care
28 Suffocation (in bed)
29 Other Violence
30 Other Causes	1	....	....	....	1	....	....	1	....	2

TABLE V.

Birth-rates, Death-rates, Analysis of Mortality, Maternal Death-rates, and Case-rates for certain Infectious Diseases in the year 1938.—England and Wales, London, 126 Great Towns, 148 Smaller Towns and Mansfield.

(Provisional Figures based on Weekly and Quarterly Returns.)

	Mansfield	England and Wales	126 County Boro's. and Great Towns including London	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census)	London Administrative County
Rates per 1,000 Population.					
Births :—					
Live	15.4	15.0	14.8	15.6	12.3
Still	0.62	0.59	0.59	0.57	0.44
Deaths :—					
All Causes	11.3	12.1	12.0	11.2	11.9
Typhoid and Paratyphoid fevers	0.00	0.00	0.00	0.00	0.00
Smallpox	0.00	0.00	0.00	0.00	0.00
Measles	0.00	0.01	0.01	0.01	0.00
Scarlet fever	0.02	0.01	0.00	0.00	0.00
Whooping Cough	0.06	0.03	0.03	0.02	0.03
Diphtheria	0.04	0.05	0.05	0.04	0.02
Influenza	0.27	0.21	0.19	0.20	0.18
Notifications :—					
Smallpox	0.00	0.00	0.00	0.00	0.00
Scarlet Fever	2.60	1.89	1.96	1.78	1.53
Diphtheria	1.10	1.14	1.21	1.16	0.98
Enteric fever	0.00	0.04	0.03	0.04	0.03
Erysipelas	0.27	0.34	0.40	0.31	0.37
Pneumonia	0.64	1.02	1.21	0.89	0.99
Rates per 1,000 Live Births.					
Deaths under 1 year of age	58.6	50	53	40	48
Deaths from Diarrhoea and Enteritis under 2 years of age	1.2	4.6	6.3	3.0	8.2
Maternal Mortality:					
Puerperal Sepsis	1.27	0.77	} Not	available.	
Others	2.54	2.16			
Total	3.81	2.93			
Rates per 1,000 Total Births (<i>i.e.</i> , Live and Still).					
Maternal Mortality :					
Puerperal Sepsis	1.22	0.74	} Not	available.	
Others	2.44	2.08			
Total	3.66	2.82			
Notifications :—					
Puerperal fever	13.4	14.35	17.26	12.99	3.31
Puerperal pyrexia					14.22

